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ABSTRACT

The report describes a project to develop and implement an inservice teacher education workshop in farm management at North Dakota University. The objectives of the one-week workshop were to enable the farm management education teachers to: (1) teach more effectively the second and third year of the three-year curriculum; (2) utilize the principles of enterprise analysis in their instructional program; and (3) solve problems common to the group or unique to certain programs or localities. The workshop was conducted in July, 1974 with 10 farm management education instructors participating. A teaching aid entitled, "A Programmed Enterprise Analysis Teaching Guide for Selected Farm Enterprises in North Dakota," was developed by the class members. A brief outline of the teaching aid is appended to the report, along with a list of the participating instructors, the participant evaluation form, and a bibliography. (Author/NJ)

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FINAL REPORT

FARM MANAGEMENT EDUCATION IN-SERVICE WORKSHOP

EPDA 001-75

Dr. Donald Priebe, Project Director
Professor and Chairman
Department of Agricultural Education
North Dakota State University
Fargo, North Dakota

September, 1974

In cooperation with
North Dakota State Board for Vocational Education
Carrol E. Burchinal, State Director
900 East Boulevard
Bismarck, North Dakota 58501

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

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Duration of Project
July 1, 1974 to September 30, 1974

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BACKGROUND AND PROJECT PROPOSAL

INTRODUCTION

Initial steps toward the implementation of an organized program of Farm Management Education in North Dakota Vocational Agriculture Departments were begun in June of 1969. At that time, as part of a course in Adult Education in Agriculture taught by Professor Shubel D. Owen, Dr. Don Priebe introduced the Farm Management Education concept in several class sessions. This program was also explained in other meetings.

Since that time Farm Management Education concepts were made an integral part of the pre-service program in Agricultural Education at North Dakota State University. In-service preparation included, but was not limited to, three intensive one-week workshops held during the summers of 1970, 1971, and 1972. These workshops were taught by Dr. Edgar Persons and Mr. Ralph Palan and were funded by the North Dakota State Board for Vocational Education.

The initial pilot program was begun in Stanley in 1971 with Leonard Larshus as the teacher. In July of 1971, a Farm Management Education Record Analysis Systems Research and Development Project was begun in the Department of Agricultural Education at North Dakota

State University with funding from the Research Coordinating Unit of the North Dakota State Board for Vocational Education.[1] A more complete review of the development of Farm Management Education for Adults in North Dakota Vocational Agriculture programs is included in the final report of that project.

The Research and Development project, designed to develop a record analysis system and provide technical assistance, was completed in 1973. In that year Leslie Gullickson was appointed as one-half-time Farm Management Coordinator. He was designated as full-time Coordinator on July 1, 1974, and maintains the Record Analysis Center at Bismarck Junior College in addition to providing coordination and technical assistance.

The Farm Management Education program continued to grow and develop in North Dakota schools with input from teachers, North Dakota State Board for Vocational Education staff members, North Dakota State University staff members, and many others. By the spring of 1974 the program had become well established in North Dakota.

PROJECT PROPOSAL

The need for an in-service workshop for teachers conducting the second or third year of the three-year instructional program was the subject of consultation between teachers, the Farm Management Coordinator,

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1. Priebe, Donald W., Final Report, Farm Management Education Record Analysis Systems Research and Development Project, Department of Agricultural Education, North Dakota State University, Fargo, November, 1973. 43pp.

North Dakota State Board for Vocational Education staff members, and staff members of the Department of Agricultural Education at North Dakota State University. University teaching funds were not available to secure the specialized expertise desired to offer this workshop.

The project proposal entitled "Farm Management Education In-Service Workshop" was prepared by Dr. Don Priebe, Professor and Chairman of the Agricultural Education Department, and submitted to Mr. Gene Sayler, Professional Development Coordinator, for consideration by the North Dakota State Board for Vocational Education. This proposal was made an integral part of the North Dakota State Application for Federal Assistance under E.P.D.A. Part F, and was submitted to the regional office of the Department of Health, Education and Welfare.

PROJECT OBJECTIVES

The specific objectives of the program were to conduct a one-week in-service workshop for Farm Management Education teachers which would enable them to:

a) Teach more effectively the second and third year of the three-year curriculum.

b) Utilize the principles of enterprise analysis in their instructional program.

c) Solve problems common to the group or unique to certain programs or localities.[2]

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[2]. Department of Agricultural Education, North Dakota State University, Proposal for Farm Management Education Workshop to North Dakota State Board for Vocational Education, May 6, 1974.

NEED FOR THE PROJECT

Farm Management Education, although established in many North Dakota Schools by 1974, was still in a developmental stage. Many of the teachers were beginning the second or third year of the three-year instructional program as outlined by Palan and Persons[3] and adapted to North Dakota conditions and program.

The techniques of enterprise analysis, as adapted to the record analysis output, were needed for the most effective teaching for the second and third year programs. Persons, Palan, and others had developed instructional strategies designed to prepare teachers to use enterprise analysis as an instructional tool.

The need for such instruction for North Dakota Farm Management Education teachers had become apparent to those responsible for program coordination, technical assistance, and teacher preparation in North Dakota.

PROJECT APPROVAL

The Farm Management Education In-Service Workshop proposal was approved for funding in July of 1974. North Dakota State University was designated as the contracting institution to carry out the terms of the project and Dr. Don Priebe was named Project Director.

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3. Palan, Ralph and Edgar Persons, A Course of Study for Adult Farmer Instruction in Farm Management and Farm Business Analysis, Third Edition, University of Minnesota, 1972.

PROJECT OPERATION

WORKSHOP PLANNING

Following notice of project approval and funding of the workshop, arrangements were completed. The instructional session was scheduled for the week of July 22-26, 1974. Dr. Edgar Persons of the Agricultural Education staff at the University of Minnesota was secured to teach the course. Dr. Persons had a broad background of research, teaching, consultation, program development and technical advising in Farm Management Education.

The course was designed in such a way that the major topics of instruction would be concerned with teaching the second and third year of the instructional units outlined in A Course of Study for Adult Farmer Instruction in Farm Management and Farm Business Analysis by Ralph L. Palan and Edgar A. Persons, as adapted to North Dakota conditions. The use of enterprise analysis was targeted as a prime instructional focus.

Availability of the workshop was made known by newsletter from the Department of Agricultural Education at North Dakota State University and by contacts made by Leslie Gullickson, Farm Management Coordinator.

WORKSHOP OPERATION

Ten Farm Management Education instructors were enrolled in the in-service workshop which began on July 22, 1974. This workshop was designated as Ag. Ed. 596, 2 quarter credits. All enrollees either had been teaching or were about to begin to teach Farm Management Education programs. A list of participating instructors is included as Appendix A. Workshop sessions included an intensive analysis of the computerized record output provided to cooperators in the Farm Management Education classes in local schools. Principles of enterprise analysis, with particular emphasis on teaching, were employed in analyzing these record summaries.This technique was applied to many of the enterprises common to North Dakota farms.

This system of instruction was geared to provide the participating teachers with skills and techniques needed to upgrade and facilitate teaching in their local Farm Management Education programs.

TEACHING AID

At the outset of the workshop it became apparent that teaching aids would be of great help to the participating teachers in their local programs. Accordingly a teaching aid, "A Programmed Enterprise Analysis Teaching Guide for Selected Farm Enterprises in North Dakota," was developed by the class members with the guidance of Dr. Persons.[4]

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4. A Programmed Enterprise Analysis Teaching Guide for Selected Farm Enterprises in North Dakota, prepared as part of the Farm Management Education In-Service Workshop, Dr. Don Priebe, Project Director, North Dakota State University, August, 1974.

This document was reproduced in sufficient quantity to be made available to North Dakota Farm Management Education teachers. A brief outline of the teaching aid is included as Appendix B.

EVALUATION AND RECOMMENDATIONS

EVALUATION

The participating teachers exhibited a high degree of enthusiasm during the week long instructional session. An evaluation instrument was mailed to each teacher shortly after completion of the session. A copy of the Participant Evaluation form is included as Appendix C.

All participants rated instructor qualifications and topics covered as excellent. Seven participants rated organization of topics excellent, and others rated this item as very good. The large majority replied that time allotments were adequate with two feeling that perhaps a slight additional amount of time would have been helpful.

Other comments offered by those enrolled included:

"Dr. Persons does a tremendous job."

"It was felt that the workshop served the needs of the teachers."

"I thought it was a very good workshop. If we didn't get what we wanted, it was our fault for not asking for it. There is still much to be learned, but I think the workshop was a great help."

"Time well spent. I hope that we can have another similar session in the next 2 years."

"Course was excellent for my teaching needs."

"I was very impressed with the workshop and found it to be an excellent learning experience. I feel it will help me a lot in my work here at _____."

"I will probably take the same workshop next year, after I have some experience in Adult Farm Management."

"I got a lot of questions answered I had about the analysis. I know I can do a better job with it next year."

The consensus of all involved was that the Farm Management Education In-Service Workshop had been very useful and that the stated objectives had been accomplished.

RECOMMENDATIONS

Farm Management Education teachers will need a continuing and on-going program of technical and in-service assistance. Courses, workshops and conferences will continue to be needed on a programmatic basis.

APPENDIX A

A LIST OF PARTICIPATING INSTRUCTORS

PARTICIPATING INSTRUCTORS

Wayne Berry, University of North Dakota, Williston Branch

Leslie Gullickson, Farm Management Education Coordinator

Norris Fagerlund, Lake Region Junior College, Devils Lake

Tom Hanson, Rugby High School

David A. Jones, Foley, Minnesota, High School

Ronald Klein, Stanley High School

Marvin Knell, Jamestown High School

Leonard Larshus, Bismarck Junior College

Richard Roland, Crosby High School

Robert Schaefer, Wahpeton High School

APPENDIX B

A BRIEF OUTLINE OF A PROGRAMMED ENTERPRISE ANALYSIS TEACHING GUIDE FOR SELECTED FARM ENTERPRISES IN NORTH DAKOTA

A BRIEF OUTLINE OF A PROGRAMMATIC ENTRRPRISE ANALYSIS TEACHING GUIDE FOR SELECTED FARM ENTERPRISES IN NORTH DAKOTA

Introduction

Alfalfa Hay - Les Gullickson

Corn - Wayne Berry

Oats - Richard Roland

Sunflower Production - Robert J. Schaefer

Wheat - Norris Fagerlund

Beef Breeding - Leonard Larshus

Dairy - David A. Jones

Feeder Cattle - Marvin Knell

Complete Hog Enterprise - Ron Klein

Hog Finishing Enterprise - Thomas A. Hanson

APPENDIX C
PARTICIPANT EVALUATION FORM

FARM MANAGEMENT EDUCATION IN-SERVICE WORKSHOP
July 22-26, 1974

PARTICIPANT EVALUATION FORM

Please complete this form and return to the Agricultural Education Department, North Dakota State University, promptly. This information is needed for our final report and is also very valuable in planning future in-service activities.

	Excellent	Very Good	Good	Fair	Poor
I. ORGANIZATION AND TEACHING INSTRUCTION Please rate each of the following by circling the appropriate number.					
A. Qualifications of instructor	1	2	3	4	5
B. Topics covered	1	2	3	4	5
C. Organization of topics	1	2	3	4	5

II. TIME ALLOTMENTS

A. Was the time allotted adequate for the total workshop? _____

B. Was the time allotted adequate for the topics? _____

III. OTHER COMMENTS

A. What other comments do you have?

_____

_____

_____

_____

BIBLIOGRAPHY

Department of Agricultural Education, North Dakota State University, Proposal for Farm Management Education Workshop to North Dakota State Board for Vocational Education, May 6, 1974.

Palan, Ralph and Edgar Persons, A Course of Study for Adult Farmer Instruction in Farm Management and Farm Business Analysis, Third Edition, University of Minnesota, 1972.

Priebe, Donald, FINAL REPORT, Farm Management Education Record Analysis Systems Research and Development Project, Department of Agricultural Education, North Dakota State University, Fargo, November, 1973.

A Programmed Enterprise Analysis Teaching Guide for Selected Farm Enterprises in North Dakota, prepared as part of the Farm Management Education In-Service Workshop. Dr. Don Priebe, Project Director, North Dakota State University, Fargo, August, 1974. (EPDA 001-75)